

Serial Number: 09/265,585A

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: *Seq 2 - corrected amino acid numbering*

RECEIVED

FEB 08 2001

TECH CENTER 1600/2900

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form. 3/1/95

1646

RAW SEQUENCE LISTING DATE: 02/01/2001
 PATENT APPLICATION: US/09/265,585A TIME: 13:58:40

Input Set : A:\5914-066 SEQUENCE LISTING.TXT
 Output Set: N:\CRF3\02012001\I265585A.raw

**Does Not Comply
 Corrected Diskette Needed**

4 <110> APPLICANT: Philip N. BENFEY
 5 Laura Di LAURENZIO
 6 Joanna WYSOCKA-DILLER
 7 Jocelyn E. MALAMY
 8 Leonard PYSH
 9 Yrjo HELARIUTTA
 10 Jun LIM
 12 <120> TITLE OF INVENTION: Scarecrow Gene, Promoter and Uses Thereof
 14 <130> FILE REFERENCE: 5914-066-999
 16 <140> CURRENT APPLICATION NUMBER: 09/265,585A
 17 <141> CURRENT FILING DATE: 1999-03-10
 19 <150> PRIOR APPLICATION NUMBER: 08/842,445
 20 <151> PRIOR FILING DATE: 1997-04-24
 22 <150> PRIOR APPLICATION NUMBER: 08/638,617
 23 <151> PRIOR FILING DATE: 1996-04-26
 25 <160> NUMBER OF SEQ ID NOS: 144
 27 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

111 <210> SEQ ID NO: 2
 112 <211> LENGTH: 653
 113 <212> TYPE: PRT
 114 <213> ORGANISM: Arabidopsis thaliana
 116 <400> SEQUENCE: 2
 118 Met Ala Glu Ser Gly Asp Phe Asn Gly Gly Gln Pro Pro Pro His Ser 1
 E--> 119 5 10 15
 121 Pro Leu Arg Thr Thr Ser Ser Gly Ser Ser Ser Asn Asn Arg Gly
 E--> 122 20 25 30
 124 Pro Pro Pro Pro Pro Pro Pro Pro Leu Val Met Val Arg Lys Arg Leu
 E--> 125 35 40 45
 127 Ala Ser Glu Met Ser Ser Asn Pro Asp Tyr Asn Asn Ser Ser Arg Pro
 E--> 128 50 55 60
 130 Pro Arg Arg Val Ser His Leu Leu Asp Ser Asn Tyr Asn Thr Val Thr
 E--> 131 65 70 75 80
 133 Pro Gln Gln Pro Pro Ser Leu Thr Ala Ala Ala Thr Val Ser Ser Gln
 E--> 134 85 90 95
 136 Pro Asn Pro Pro Leu Ser Val Cys Gly Phe Ser Gly Leu Pro Val Phe
 E--> 137 100 105 110
 139 Pro Ser Asp Arg Gly Gly Arg Asn Val Met Met Ser Val Gln Pro Met
 E--> 140 115 120 125
 142 Asp Gln Asp Ser Ser Ser Ser Ser Ala Ser Pro Thr Val Trp Val Asp
 E--> 143 130 135 140
 145 Ala Ile Ile Arg Asp Leu Ile His Ser Ser Thr Ser Val Ser Ile Pro
 E--> 146 145 150 155 160
 148 Gln Leu Ile Gln Asn Val Arg Asp Ile Ile Phe Pro Cys Asn Pro Asn

*insert hard return
 misaligned nos.*

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E--> 149          165          170          175
      151 Leu Gly Ala Leu Leu Glu Tyr Arg Leu Arg Ser Leu Met Leu Leu Asp
E--> 152          180          185          190
      154 Pro Ser Ser Ser Ser Asp Pro Ser Pro Gln Thr Phe Glu Pro Leu Tyr
E--> 155          195          200          205
      157 Gln Ile Ser Asn Asn Pro Ser Pro Pro Gln Gln Gln Gln His Gln
E--> 158          210          215          220
      160 Gln Gln Gln Gln Gln His Lys Pro Pro Pro Pro Ile Gln Gln Gln
E--> 161 225          230          235          240
      163 Glu Arg Glu Asn Ser Ser Thr Asp Ala Pro Pro Gln Pro Glu Thr Val
E--> 164          245          250          255
      166 Thr Ala Thr Val Pro Ala Val Gln Thr Asn Thr Ala Glu Ala Leu Arg
E--> 167          260          265          270
      170 Glu Arg Lys Glu Glu Ile Lys Arg Gln Lys Gln Asp Glu Glu Gly Leu
E--> 171          275          280          285
      173 His Leu Leu Thr Leu Leu Leu Gln Cys Ala Glu Ala Val Ser Ala Asp
E--> 174          290          295          300
      176 Asn Leu Glu Glu Ala Asn Lys Leu Leu Leu Glu Ile Ser Gln Leu Ser
E--> 177 305          310          315          320
      179 Thr Pro Tyr Gly Thr Ser Ala Gln Arg Val Ala Ala Tyr Phe Ser Glu
E--> 180          325          330          335
      182 Ala Met Ser Ala Arg Leu Leu Asn Ser Cys Leu Gly Ile Tyr Ala Ala
E--> 183          340          345          350
      185 Leu Pro Ser Arg Trp Met Pro Gln Thr His Ser Leu Lys Met Val Ser
E--> 186          355          360          365
      188 Ala Phe Gln Val Phe Asn Gly Ile Ser Pro Leu Val Lys Phe Ser His
E--> 189          370          375          380
      191 Phe Thr Ala Asn Gln Ala Ile Gln Glu Ala Phe Glu Lys Glu Asp Ser
E--> 192 385          390          395          400
      194 Val His Ile Ile Asp Leu Asp Ile Met Gln Gly Leu Gln Trp Pro Gly
E--> 195          405          410          415
      197 Leu Phe His Ile Leu Ala Ser Arg Pro Gly Gly Pro Pro His Val Arg
E--> 198          420          425          430
      200 Leu Thr Gly Leu Gly Thr Ser Met Glu Ala Leu Gln Ala Thr Gly Lys
E--> 201          435          440          445
      203 Arg Leu Ser Asp Phe Thr Asp Lys Leu Gly Leu Pro Phe Glu Phe Cys
E--> 204          450          455          460
      206 Pro Leu Ala Glu Lys Val Gly Asn Leu Asp Thr Glu Arg Leu Asn Val
E--> 207 465          470          475          480
      209 Arg Lys Arg Glu Ala Val Ala Val His Trp Leu Gln His Ser Leu Tyr
E--> 210          485          490          495
      212 Asp Val Thr Gly Ser Asp Ala His Thr Leu Trp Leu Leu Gln Arg Leu
E--> 213          500          505          510
      215 Ala Pro Lys Val Val Thr Val Val Glu Gln Asp Leu Ser His Ala Gly
E--> 216          515          520          525
      218 Ser Phe Leu Gly Arg Phe Val Glu Ala Ile His Tyr Tyr Ser Ala Leu
E--> 219          530          535          540
      221 Phe Asp Ser Leu Gly Ala Ser Tyr Gly Glu Glu Ser Glu Glu Arg His
E--> 222 545          550          555          560

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E-->	224	Val	Val	Glu	Gln	Gln	Leu	Leu	Ser	Lys	Glu	Ile	Arg	Asn	Val	Leu	Ala
	225				565						570					575	
	227	Val	Gly	Gly	Pro	Ser	Arg	Ser	Gly	Glu	Val	Lys	Phe	Glu	Ser	Trp	Arg
E-->	228				580					585					590		
	230	Glu	Lys	Met	Gln	Gln	Cys	Gly	Phe	Lys	Gly	Ile	Ser	Leu	Ala	Gly	Asn
E-->	231			595					600					605			
	233	Ala	Ala	Thr	Gln	Ala	Thr	Leu	Leu	Gly	Met	Phe	Pro	Ser	Asp	Gly	
E-->	234	610						615				620					
	236	Tyr	Thr	Leu	Val	Asp	Asp	Asn	Gly	Thr	Leu	Lys	Leu	Gly	Trp	Lys	Asp
E-->	237	625				630					635					640	
	239	Leu	Ser	Leu	Leu	Thr	Ala	Ser	Ala	Trp	Thr	Pro	Arg	Ser			
E-->	240				645						650						

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/265,585A

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TIME: 13:58:42

Input Set : A:\5914-066 SEQUENCE LISTING.TXT
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L:119 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
M:332 Repeated in SeqNo=2
L:240 M:252 E: No. of Seq. differs, <211>LENGTH:Input:653 Found:637 SEQ:2
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2083 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:2380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:2452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:2694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:2771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:2804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:2806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:2826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:2829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:2932 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67

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Input Set : A:\5914-066 SEQUENCE LISTING.TXT
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L:2937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67